

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	((TSUGI O) near2 (AMBO)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/10 09:16
S2	23	((SATORU) near2 (FUJIWARA)). INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/10 09:17
S3	3	((YOSHIKATSU) near2 (HASEGAWA)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/10 09:17
S4	5	((CHIHIRO) near2 (NAKAGAWA)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/10 09:18
S5	134	((TAKESHI) near2 (ONO)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/10 09:18
S8	3	((KATSUJI) near2 (SHIMAZAWA)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/10 09:19
S9	168	S1 S2 S3 S4 S5 S8	US-PGPUB; USPAT	OR	ON	2009/05/10 09:19
S23	2775	((@AD<"20040331") ((wiring or circuit) adj board) (track or trace or pattern or foil) (pin near3 insert\$3 near5 (hole or via))	US-PGPUB; USPAT	AND	ON	2009/05/10 10:40
S24	365	((@AD<"20040331") ((wiring or circuit) adj board) (board near5 (epoxy or resin or XR)) (track or trace or pattern or foil) (pin near3 insert\$3 near5 (hole or via))	US-PGPUB; USPAT	AND	ON	2009/05/10 10:41
S25	38	((@AD<"20040331") ((wiring or circuit) adj board) (board near5 (epoxy or resin or XR)) (track or trace or pattern or foil) (pin near3 insert\$3 near5 (hole or via)) (stack\$3 near5 board)	US-PGPUB; USPAT	AND	ON	2009/05/10 10:45
S27	19	((@AD<"20040331") ((wiring or circuit) adj board) (track or trace or pattern or foil) (pin near3 insert\$3 near5 (hole or via)) ((jump or jumper) near5 (hole or via))	US-PGPUB; USPAT	AND	ON	2009/05/10 10:55

S32	653	((@AD<"20040331") ((wiring or circuit) adj board) (track or trace or pattern or foil) (pin near3 insert\$3 near5 (hole or via)) (pin near5 (block or base)))	US-PGPUB; USPAT	AND	ON	2009/05/10 11:26
S36	266	((@AD<"20040331") ((wiring or circuit) adj board) (track or trace or pattern or foil) (pin near3 insert\$3 near5 (hole or via)) (pin near5 (block or base)) ((housing or case or frame) near5 pin)	US-PGPUB; USPAT	AND	ON	2009/05/10 11:35
S43	6089	((@AD<"20040331") ((wiring or circuit) adj board) (board near5 resin) (track or trace or pattern or foil)	US-PGPUB; USPAT	AND	ON	2009/05/10 12:51
S46	1029	((@AD<"20040331") ((wiring or circuit) adj board) (board near5 resin) ((track or trace or pattern) near5 foil)	US-PGPUB; USPAT	AND	ON	2009/05/10 12:55
S49	311	((@AD<"20040331") ((wiring or circuit) adj board) (board near5 resin) ((track or trace or pattern) near5 (metal adj (foil or sheet or plane))))	US-PGPUB; USPAT	AND	ON	2009/05/10 12:58
S50	6	((@AD<"20040331") ((wiring or circuit) adj board) (board near5 resin) ((track or trace or pattern) near5 (metal adj (foil or sheet or plane))) ((metal adj (foil or sheet or plane)) near5 punch\$3)	US-PGPUB; USPAT	AND	ON	2009/05/10 13:00
S57	10	((@AD<"20040331") ((Thompson adj blade) near5 punch\$3)	US-PGPUB; USPAT	AND	ON	2009/05/10 13:22
S58	3994	((@AD<"20040331") (blow\$3 near5 (air near2 nozzle))	US-PGPUB; USPAT	AND	ON	2009/05/11 08:21
S59	156	((@AD<"20040331") (holding near5 (air near2 nozzle))	US-PGPUB; USPAT	AND	ON	2009/05/11 08:22
S60	2	((@AD<"20040331") (sheet near2 holding near2 (air near2 nozzle))	US-PGPUB; USPAT	AND	ON	2009/05/11 08:22
S61	1	("5836582".pn.) ((holding or held) with sheet) (blow\$3 or injection) section nozzle	US-PGPUB; USPAT	AND	ON	2009/05/11 09:37
S62	17	((@AD<"20040331") ((sheet near2 (holding or held)) with (push near2 (pin or rod)))	US-PGPUB; USPAT	AND	ON	2009/05/11 09:43

S63	14	((@AD<"20040331") ((sheet near2 (holding or held)) with (push near2 (pin or rod))) (cut or cutting or punch\$3)	US-PGPUB; USPAT	AND	ON	2009/05/11 09:44
S64	10	((@AD<"20040331") ((sheet near2 (holding or held)) with (push near2 (pin or rod))) (cut or cutting or punch\$3) plac\$3	US-PGPUB; USPAT	AND	ON	2009/05/11 09:57
S65	1176	((@AD<"20040331") ((wiring or circuit) adj board) (board near5 ((pin or protrusion) near5 (hole or depression))) (board near5 (stack\$3 or align\$4))	US-PGPUB; USPAT	AND	ON	2009/05/11 11:54
S66	512	((@AD<"20040331") ((wiring or circuit) adj board) (board near5 ((pin or protrusion) near5 (hole or depression)) near5 (stack\$3 or align\$4))	US-PGPUB; USPAT	AND	ON	2009/05/11 11:55
S67	269	((@AD<"20040331") ((wiring or circuit) adj board) (board near5 ((pin or protrusion) near3 (hole or depression)) near3 (stack\$3 or align\$4))	US-PGPUB; USPAT	AND	ON	2009/05/11 11:55
S68	245	S65 S67	US-PGPUB; USPAT	AND	ON	2009/05/11 11:56
S69	272	((@AD<"20040331") ((wiring or circuit) adj board) (board near3 (pin or protrusion)) (board near3 (hole or depression)) (((pin or protrusion) near5 (hole or depression)) near5 (board near5 (stack\$3 or align\$4)))	US-PGPUB; USPAT	AND	ON	2009/05/11 12:54
S70	175	S68 S69	US-PGPUB; USPAT	AND	ON	2009/05/11 12:55
S71	13	((@AD<"20040331") ((wiring or circuit) adj board) (board near3 (pin or protrusion)) (board near3 (hole or depression)) (((protrusion) near5 (hole or depression)) near5 (board near5 (stack\$3 or align\$4)))	US-PGPUB; USPAT	AND	ON	2009/05/11 12:59
S72	8	((@AD<"20040331") ((wiring or circuit) adj board) (board near3 (protrusion)) (board near3 (hole or depression)) (((protrusion) near5 (hole or depression)) near5 (board near5 (stack\$3 or align\$4)))	US-PGPUB; USPAT	AND	ON	2009/05/11 12:59
S73	221	((@AD<"20040331") ((wiring or circuit) adj board) (end near2 (connecting near2 pin))	US-PGPUB; USPAT	AND	ON	2009/05/11 13:48

S74	151	((@AD<"20040331") ((wiring or circuit) adj board) ((connecting near2 pin) near5 (end near2 (connecting near2 pin))))	US-PGPUB; USPAT	AND	ON	2009/05/11 13:49
S75	130	((@AD<"20040331") ((wiring or circuit) adj board) (board with ((block or body) near3 (pin and (hole or receptacle)))))	US-PGPUB; USPAT	AND	ON	2009/05/11 15:32
S76	15	((@AD<"20040331") ((wiring or circuit) adj board) (board with ((block or body) near3 (pin and (hole or receptacle))))) ((block or body) near5 resin)	US-PGPUB; USPAT	AND	ON	2009/05/11 15:32
S77	4	((@AD<"20040331") (((wiring or circuit) adj board) near5 stack\$3) (board near5 connector) (connector near3 (pin and (hole or receptacle))) (connector with resin)	US-PGPUB; USPAT	AND	ON	2009/05/11 15:49
S78	1528	174/261.cor. 361/784,785,790.cor. 29/830.cor.	US-PGPUB; USPAT	OR	ON	2009/05/11 17:06
S79	953	((@AD<"20040331") ((wiring or circuit) adj board) (track or trace or pattern or foil) (pin near3 insert\$3 near5 (hole or via)) (pin near5 (block or body or base))	US-PGPUB; USPAT	AND	ON	2009/05/11 17:08
S80	10	S78 S79	US-PGPUB; USPAT	AND	ON	2009/05/11 17:08
S81	0	((@AD<"20040331") ((wiring or circuit) adj board) (board near5 (epoxy or resin or XR)) (track or trace or pattern or foil) ((anchor adj pin) near3 insert \$3 near5 (hole or via))	US-PGPUB; USPAT	AND	ON	2010/06/05 11:48
S82	145	((@AD<"20040331") ((wiring or circuit) adj board) (anchor adj pin)	US-PGPUB; USPAT	AND	ON	2010/06/05 11:48
S83	21	((@AD<"20040331") (((wiring or circuit) adj board) with (anchor adj pin))	US-PGPUB; USPAT	AND	ON	2010/06/05 11:49
S84	39	((@AD<"20040331") ((wiring or circuit) adj board) ((projection or protusion or pin) near5 (hole or aperature) near2 (conduct\$3 or copper or metal) near2 (trace or pattern or foil))	US-PGPUB; USPAT	AND	ON	2010/06/05 12:15

S85	0	((@AD<"20040331") (((wiring or circuit) adj board) with (anchor adj pin)) ((anchor adj pin) near5 (hole or aperature) near2 (conduct\$3 or copper or metal) near2 (trace or pattern or foil))	US-PGPUB; USPAT	AND	ON	2010/06/05 12:15
S86	0	((@AD<"20040331") ((wiring or circuit) adj board) ((anchor adj pin) near5 (hole or aperature) near2 (conduct\$3 or copper or metal) near2 (trace or pattern or foil))	US-PGPUB; USPAT	AND	ON	2010/06/05 12:16
S87	23	((@AD<"20040331") (((wiring or circuit) adj board) near5 (projection or protusion or pin)) ((projection or protusion or pin) near5 (hole or aperature) near2 (conduct\$3 or copper or metal) near2 (trace or pattern or foil))	US-PGPUB; USPAT	AND	ON	2010/06/05 12:16
S88	25	((@AD<"20050329") (((wiring or circuit) adj board) near5 (projection or protusion or pin)) ((projection or protusion or pin) near5 (hole or aperature) near2 (conduct\$3 or copper or metal) near2 (trace or pattern or foil))	US-PGPUB; USPAT	AND	ON	2010/06/05 14:00
S89	239	((@AD<"20040331") ((wiring or circuit) adj board) (pin near3 insert\$3 near5 (hole or via or recess)) (pin near5 (rectangular or aquare))	US-PGPUB; USPAT	AND	ON	2010/06/05 15:55
S90	57	((@AD<"20040331") ((wiring or circuit) adj board) (pin near3 insert\$3 near5 (hole or via or recess)) (pin near5 (rectangular or aquare) near2 (cross adj section))	US-PGPUB; USPAT	AND	ON	2010/06/05 15:56
S91	43	((@AD<"20040331") (((wiring or circuit) adj board) near5 (hole or via or aperature or recess)) (pin near3 insert\$3 near5 (hole or via or aperature or recess)) (pin near5 (rectangular or aquare) near2 (cross adj section))	US-PGPUB; USPAT	AND	ON	2010/06/05 16:02
S92	225	((@AD<"20040331") (((wiring or circuit) adj board) near5 (opening or recess)) ((conduct \$3 or jump) near5 insert\$3 near5 (opening or recess))	US-PGPUB; USPAT	AND	ON	2010/06/05 16:42

S93	207	((@AD<"20040331") (((wiring or circuit) adj board) near5 (opening or recess)) ((conduct \$3 or jump) near5 insert\$3 near5 (opening or recess)) (connect\$3 near5 (layers or boards)))	US-PGPUB; USPAT	AND	ON	2010/06/05 16:43
S94	94	((@AD<"20040331") (((wiring or circuit) adj board) near5 (opening or recess)) ((conduct \$3 or jump) near5 insert\$3 near5 (opening or recess)) ((conduct\$3 or jump) near5 connect\$3 near3 (layers or boards)))	US-PGPUB; USPAT	AND	ON	2010/06/05 16:44
S95	0	((@AD<"20040331") (((wiring or circuit) adj board) near5 (opening or recess)) ((jump) near5 insert\$3 near5 (opening or recess)) ((jump) near5 connect\$3 near3 (layers or boards)))	US-PGPUB; USPAT	AND	ON	2010/06/05 16:53
S96	15	(US-20010048492-\$ or US-20020090540-\$).did. or (US-3688248-\$ or US-4435741-\$ or US-4333233-\$ or US-3920301-\$ or US-4487463-\$ or US-4641426-\$ or US-4746301-\$ or US-4769907-\$ or US-4775326-\$ or US-4867691-\$ or US-4948375-\$ or US-5076796-\$ or US-5373626-\$).did.	US-PGPUB; USPAT	AND	ON	2010/06/05 17:29
S97	13	(US-20030102357-\$).did. or (US-7099155-\$ or US-5017145-\$ or US-5456608-\$ or US-6265842-\$ or US-5434749-\$ or US-4780957-\$ or US-4937932-\$ or US-5836582-\$ or US-5718057-\$ or US-4950170-\$ or US-4867691-\$ or US-6995650-\$).did.	US-PGPUB; USPAT	AND	ON	2010/06/05 17:30
S98	1	S96 S97	US-PGPUB; USPAT	AND	ON	2010/06/05 17:30
S99	1803	174/261.cor. 361/764,784,785,790.cor. 439/68,72,82,787.cor.	US-PGPUB; USPAT	OR	ON	2010/06/05 17:37
S100	3	S94 S99	US-PGPUB; USPAT	AND	ON	2010/06/05 17:38

S101	10	(US-20010048492-\$).did. or (US-3688248-\$ or US-4435741-\$ or US-4333233-\$ or US-4487463-\$ or US-4641426-\$ or US-4769907-\$ or US-4775326-\$ or US-4948375-\$ or US-5373626-\$).did.	US-PGPUB; USPAT	AND	ON	2010/06/05 17:41
S102	1840	174/261.cor. 361/764,784,785,790.cor. 439/68,72,82,787.cor.	US-PGPUB; USPAT	OR	ON	2010/09/20 11:26
S103	94	((@AD<"20040331") (((wiring or circuit) adj board) near5 (opening or recess)) ((conduct \$3 or jump) near5 insert\$3 near5 (opening or recess)) ((conduct\$3 or jump) near5 connect\$3 near3 (layer or board)))	US-PGPUB; USPAT	AND	ON	2010/09/20 11:26
S104	3	S102 S103	US-PGPUB; USPAT	AND	ON	2010/09/20 11:27

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